

Claims

1. A stop washer (9, 12) for planet gears of a planetary transmission, which stop washer (9, 12) is arranged with its reception bore (9.1, 12.1) on a planet gear axle (10) fixed in a planet gear carrier (1) and delimits planet gears (6) on both sides, said planet gears (6) being mounted through a rolling bearing arrangement (11) for rotation on the planet gear axles (10), a supply of lubricant to the bearing arrangement (11) being assured by an axial (10.1) and, branching off therefrom, a radial lubricant passage bore (10.2) of the planet gear axle (10) and by axial openings of the stop washer (9, 12), **characterized in that** inner axial openings (9.2, 12.2) that communicate through a constriction (9.2.1, 12.2.1) with the reception bore (9.1, 12.1) of the stop washer (9, 12) are arranged at at least two equally spaced peripheral points of the stop washer (9, 12), and outer axial openings (9.3, 12.3) are arranged offset radially outwards between the inner axial openings (9.2, 12.2) and, as viewed in radial direction, the inner axial openings (9.2, 12.2) are situated in the region of the rolling elements (11.1) of the bearing arrangement (11), while the outer axial openings (9.3, 12.3) overlap at least a part of the end face of the planet gears (6).
2. A stop washer (12) according to claim 1, **characterized in that** a peripheral dimension of the outer axial openings (12.3) diminishes in radially outward direction.
3. A stop washer (9) according to claim 1, **characterized in that** the outer axial openings (9.3) are open to the outside in radial direction.
4. A stop washer (9) according to claim 1, **characterized in that** the outer axial openings (9.3) are open to the outside in radial direction through a constriction (9.3.1).

5. A stop washer (9, 12) according to claim 1, **characterized in that** at least the corners of the axial openings (9.2, 9.3, 12.2, 12.3) are rounded.
6. A stop washer (9, 12) according to claim 1, **characterized in** being made out of sheet metal by punching.
7. A stop washer (9, 12) according to claim 1, **characterized in** comprising a friction-reducing coating.